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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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                                                      SEQUENCE FROM N.A.
                                                                                                                                                                                                                        SEQUENCE FROM N.A.
                   NCBI_TaxID=9606;
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28-FEB-2003 (Rel. 41, Last sequence update)
10-0CT-2003 (Rel. 42, Last annocation update)
Transducin beta-like 1X protein (Transducin-beta-like 1, X-linked)
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Pred. No. 1.5e-188;
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Y -> H (IN REF. 2).
A -> O (IN REF. 2).
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1; Mismatches
                 PROSITE; PS50896; LISH; 1.
PROSITE; PS0608; W REPEATS 1; 4.
PROSITE; PS50002; W REPEATS 2; 6.
PROSITE; PS50294; WD REPEATS REGION; 1.
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  SMART; SM00320; WD40;
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ຫຼວ-sapiens (Human). ກ່ອງງວໄຈ: Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;

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This SWISS-PROT entry is copyright. It is produced through a collaboration between the Swiss Institute of Bioinformatics and the BMBL outstation the Buropean Bioinformatics Institute. There are no restrictions on its use by non-profit institutions as long as its content is in no way modified and this statement is not removed. Usage by and for commercial entities requires a license agreement (See http://www.isb-sib.ch/announce/or send an email to license@isb-sib.ch).
                                                                                                                MEDLINE-99264241; PubMed=10330347;
Bassi M.T., Ramesar R.S., Caciotti B., Winship I.M., De Grandi A.,
Riboni M., Townes P.L., Beighton P., Ballabio A., Borsani G.;
"X-linked late-onset sensorineural deafiness caused by a deletion involving OAL and a novel gene containing WD-40 repeats.";
Am. J. Hum. Genet. 64:1604-1616(1999).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MIM, 300196; -. Goldon, 300196; -. Goldon, 300196; -. Goldon, 50007065; P: hearing; TAS. Goldon, 50007165; P: signal transduction; TAS. Goldon, 50007601; P: vision; TAS. InterPro; IPR001680; W040. Ffam; PR00400; W040; BRINTS; PR00320; GPROTEINBRPT. PRODOUGH; W040; 3. SWART; SM00667; Lish; 1. SWART; SM00667; Lish; 1.
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PROSITE; PS00678; WD_REPEATS_1; 4.
PROSITE; PS50082; WD_REPEATS_2; 6.
PROSITE; PS50294; WD_REPEATS_REGION; 1.
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EMBL; BC032708; AAH32708.1; -.
Genew; HGNC:11585; TBL1X.
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Kuroda-Kawaguchi T., Skaletsky H., Minx P.J., Brown L.G., Rozen S.,
Wilson R.K., Waterston R.H., Page D.C.,
"The DNA sequence of the human Y chromosome.";
Submitted (DEC-2000) to the EMBL/GenBank/DDBJ databases.
-!- SIMILARITY: Contains 1 LisH domain.
-!- SIMILARITY: Contains 8 WD repeats.
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28-FBB-2003 (Rel. 41, Last sequence update)
28-FBB-2003 (Rel. 41, Last annotation update)
Transducin beta-like 1Y protein (Transducin-beta-like 1, Y-linked)
TBLIY OR TBLI
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Catarrhini, Hominidae, Homo.
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                                                                                                  DB 1; Length 526;
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                                                                                           89.4%; Score 2437; DB 1; Length 5:
86.0%; Pred. No. 2.1e-168;
iive 33; Mismatches 27; Indels
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Mammalia, Eutheria, Primates,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          300 TIIWDAHIGEAKQQFPFHSAPALDVDWQNNMTFASCSTDMCIHVCRLGCDHPVKTFQGHT 359
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             469
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              61 EAEISINKDGTVFDSRPIESLSLIVAVIPDVVQMRQQAFGEKLTQQQASAAATEASAMAK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 MSISSDEVNFLVYRYLQESGFSHSAFTFGIKSHISQSNINGALVPPAALISIIQKGLQYV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           116 -----AAASQQGSAKNGENTANGEENGAHTIANNHIDNMEVDGDVEIPPNKAVVLRGHE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                121 AATMTPAAISQONPPKUREATVNGEENGAHEI-NNHSKPMEIDGDVEIPPNKATVLRGHE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           170 SEVFICAWNPVSDLLASGSGDSTARIWNLSENSTSGSTQLVLRHCIREGGQDVPSNKDVT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                180 SEVFICAWNPVSDLLASGSGDSTARIWNINENSNGGSTQLVLRHCIREGGHDVPSNKDVT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           230 SLDWNSEGTLLATGSYDGFARIWIKDGNLASTLGQHKGPIFALKWNKKGNFILSAGVDKT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NEVNAIKWDPSGMLLASCSDDMTLKIWSMKQDACVHDLQAHSKEIYTIKWSPTGPATSNP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TIIWDAHTGEAKOOFPFHSAPALDVDWQSNNTFASCSTDMCIHVCKLGQDRPIKTFQGHT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NEVNAIKWDPTGNLLASCSDDMTLKIWSMKQDNCVHDLQQHNKEIYTIKWSPTGPGTNNP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NANLMLASASFDSTVRLWDVDRGICIHTLTKHQEPVYSVAFSPDGRYLASGSFDKCVHIW
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           61 BAEVSINEDGTLFDGRPIESLSLIDAVMPDVVQTRQQAYRDKLAQQQAAAAAAA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 522;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NTQTGALVHSYRGTGGIFEVCWNAAGDKVGASASDGSVCVLDL 512
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NTQSGSLVHSYQGTGGIFEVCWNARGDKVGASASDGSVCVLDL 522
                                                                                                                                                                                                                                                                                                                                                                                                                                              4E020216422442D8 CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           86.8%; Score 2367; DB 1;
llarity 84.5%; Pred. No. 2.4e-163;
Conservative 35; Mismatches 34;
                        or send an email to license@isb-sib.ch)
                                                                                                                                                                                                                                                                                              LISH.
WD 1.
WD 2.
WD 3.
WD 4.
WD 5.
WD 6.
                                                                                                                                                                                                                                                                                                                                                                                                                                            56688 MW;
                                                                                                                                                                                                                                                                                                                                                                          396
447
489
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522 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity
les 442; Conserv
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PRT;

STANDARD;

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